INTERNATIONAL SEARCH REPORT

International Application No PC ... US2004/017102

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J23/68 B01J C07D301/10 B01J37/06 B01J21/12 B01J21/04 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) B01J C07D IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No Category ° Citation of document, with indication, where appropriate, of the relevant passages EP 1 308 442 A (NIPPON CATALYTIC CHEM IND) 1 - 15Χ 7 May 2003 (2003-05-07) examples 1,2 EP 1 002 575 A (NIPPON CATALYTIC CHEM IND) X 1-15 24 May 2000 (2000-05-24) example 1 1-15 EP 1 086 743 A (NIPPON CATALYTIC CHEM IND) χ 28 March 2001 (2001-03-28) examples 1-11 also control examples US 2002/143197 A1 (LOCKEMEYER JOHN ROBERT) 1 - 15X 3 October 2002 (2002-10-03) column 7, paragraph 32 - paragraph 38; examples -/--Further documents are listed in the continuation of box C Patent family members are listed in annex X Special categories of cited documents "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the last which is not considered to be of particular relevance. invention "E" earlier document but published on or after the international "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filma date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed "8" document member of the same patent family Date of the actual completion of the international search Date of mading of the international search report 14/09/2004 3 September 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Ripswrik Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016 de Cauwer, R

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